East Chicago Sanitary District Kenneth L. Myers, Director

> 5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466 Fax: (219) 391-8254

October 28, 2021

Natalie Maupin Indiana Department of Environmental Management Office of Water Quality-Mail Code 65-42 Compliance Evaluation Section-Pretreatment Group 100 North Senate Indianapolis, IN 46204-2251

RE: East Chicago Sanitary District 3<sup>rd</sup> Quarter Industrial Non-Compliance Pretreatment Report

Dear Natalie Maupin:

As consistent with Part III A (5) of the NPDES Permit No. IN0022829, the East Chicago Sanitary District Pretreatment team (District) submits for your review, the Industrial Non-Compliance Report for the 3<sup>rd</sup> Quarter of 2021 (3Q'21). Upon your review and should you have any relevant inquiries, I can be reached at (219) 516-2317.

Respectfully Yours,

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**Pretreatment Coordinator** 

CC: Newton Ellens, USEPA

Kenneth L. Myers, Director, ECSD

Encls.

# EAST CHICAGO SANITARY DISTRICT

# EAST CHICAGO, INDIANA

3Q'21

## INDUSTRIAL NON-COMPLIANCE REPORT

As submitted on October 28, 2021

As the District Pretreatment program was recently audited by IDEM and USEPA and in furtherance to Part III, A., Condition 5, of the District's NPDES Permit (No. IN0022829), the information within the succeeding table provides an update with regard to the District's efforts to bring the Pretreatment program into conformance of each of the concerns noted in the audit.

Compliance Schedule <sup>1</sup>	09/30	10/31	11/30	12/31	Total	Associated Comments
Proposed Conformances	3	3	32	5	43	Note: five non-conformances awaiting IDEM or USEPA related clarification
Actual Conformances	2	26	10	5	43	09/30: one conformance requirement rescheduled into 12/30 due to ongoing litigation with certain Permittee 10/31: Concerted effort put forth to bring the District into conformance earlier than proposed

<sup>1)</sup> During the period of investigation (Year 2019 & 2020), 43 Pretreatment related non-conformances were cited by the IDEM and USEPA auditors as the District previously submitted a Compliance Schedule which depicted the timeline towards achieving full compliance.

As noted within the succeeding table and during 3Q'21, certain permitted industrial users (IUs) continued to be sampled by the District. During this period and as consistent with the auditors' recommendation, the District reclassified Linde Inc., Rare Gases and Helium (Outfall 541) as a non-significant industrial user. In addition, the District decided to discontinue Green Lake Tube, LLC permit (Outfall 511) which was scheduled to expire on 08/08/21. This decision was based upon the District's most recent inspection and determining that no significant waste discharges were occurring as a result of the facilities recycling of wastewater. The District's Pretreatment Program reported in 2Q'21 that it had a total of 22 permitted IUs, the revised number of permitted IUs as of 3Q'21 is 21, accounting for the change in permit status of Outfall 511.

Two reported IUs (TAC East – 415 and US Steel – 936) remain non-operational. The TAC East facility is scheduled to be redeveloped in 2022 as a truck maintenance facility with no tank cleaning operations. The developer/Owner will be required to submit a new sewer use application for this redevelopment. The District plans to terminate the existing permit for TAC East – 415. The District continues to consider eight dischargers as Significant Industrial Users (SIU) permittees with one SIU presently non-operational, five of which are further considered Categorical Industrial Users (CIUs) with one CIU presently non-operational. All permitted industrial Users (IUs) are sampled by the District at a minimum, on a monthly basis, with the exception being those permitted IUs which are associated to groundwater remediation related projects (Outfalls 112, 124 and 411). It is also noteworthy to mention that Buckeye Pipeline was issued a temporary permit during 3Q'21 in order to address groundwater dewatering during planned operational related upgrades to their underground pipes.

As the following sampling compliance report covers the period from July 1 to September 30, 2021, please further note that certain non-compliance sampling results remain outstanding as our contract laboratory was delinquent in providing complete analytical reports. The delinquent reports involved the September monitoring of Outfalls 804 and 805 and was limited to the non-reporting of one analyte for each IU. The District does not anticipate that the late reported results will results in the issuance of an NOV. If the late results indicate a violation, the District will issue the appropriate NOV and fine.

Outfall	Permitted Company	3Q'21 Sampling Dates and Associated Comment(s)	SIUs	CIUs
112	GATX	9/9		

124	Buckeye Pipeline	8/2,		
312	Electric Coatings	7/19, 8/20, 9/16	X	X
401	WR Grace	7/6, 8/16, 9/1		<del>                                     </del>
411	USS Lead Site	Semi-Annual sampling requirements	1	
415	TAC East	No sampling; operations ceased; permit suspended	X	X
511	Green Lake Tube	7/7, 8/10,		
514	National Processing	7/7, 8/10, 9/8	X	X
518	ICO Polymers	7/29, 8/26, 9/23		<del></del>
521	Lakeshore Railcar	7/21, 7/29, 8/11, 9/9, 9/28	X	X
531	Linde, Inc. Production	7/12, 8/25, 9/27	X	
541	Linde, Inc. Rare Gases	7/12, 8/25, 9/27 (reclassified as Non-SIU)		
611	Arcelor-Mittal Research	7/14, 8/9, 9/13	_	
804_	Cleveland-Cliffs East	7/13, 8/5, 9/2		
805	Cleveland-Cliffs East	7/13, 8/5, 9/2		
901	Safety-Kleen	7/20, 7/27, 8/17, 8/24, 9/22, 9/29	T X	X
931	Cleveland-Cliffs West	7/22, 8/4, 9/14		
934	Cleveland-Cliffs West	7/28, 8/12, 9/14	1	
935	Cleveland-Cliffs West	7/28, 8/3, 9/20		
936	US Steel	No sampling; operations suspended		
941	Linde, Inc. HyCO	7/26, 8/2, 9/21	X	
951	US Gypsum	7/27, 8/23, 9/15	1	
Please N	ote: certain IUs discharge per	mit(s) remain suspended or inactive (415 & 936) as due to s	necific hu	cinecc

# Relative to the District's ongoing compliance monitoring related initiatives, please further note the following:

related reasons.

Outfall	Permitted Company	Certain Compliance Monitoring Related Notation(s)	SIU	CIU
124	Buckeye Pipeline	Issued a temporary groundwater dewatering permit due to planned maintenance during 3Q'21		
411	USS Lead Site	Uses groundwater pumping to maintain hydraulic gradient controls; sampling is periodically performed; no discharges were reported during 3Q'21		
415	TAC East	Ceased operations due to fire; operations remains suspended; no discharges occurred during 3Q'21; permit to be terminated	Х	Х
936	US Steel	Suspended operations; no discharges occurred during 3Q'21		<del>                                     </del>
511	Green Lake Tube	Permit was rescinded by the District during 3Q'21		<del>                                     </del>

The succeeding table depicts the violations as correlated to the established Local Control Limit during 3Q'21:

Con	Chicago Sanita npliance Statu e Range: 7/1/	-				
Variable	Violations	Limit Description	Limit			
521 Amen. Cyanide (mg/L)	2	Daily Maximum Limit	>0.019			
901 Phenol {mg/L} 2 Daily Maximum Limit >0.96						
901 Amen. Cyanide (mg/L)	6	Daily Maximum Limit	>0.019			
901 Total Mercury (Hg) {mg/L}	3	Daily Maximum Limit	>0.00029			
934 Amen. Cyanide (mg/L)	1	Daily Maximum Limit	>0.019			
951 Amen. Cyanide (mg/L)	1	Daily Maximum Limit	>0.019			

Total 1

The succeeding table further conveys during 3Q'21, the four IUs which experienced exceedances of local control limits and/or categorical limits as Notice of Violation (NOVs) were timely issued:

Outfall	Permitted Company	NOV(s)	Period	DOV	NOV Related Comments
901	Safety Kleen	1	3Q'21	07/20	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	07/27	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	08/17	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	08/24	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	09/22	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	09/29	Exceeded local limit for Cyanide
901	Safety Kleen	1	3Q'21	09/22	Exceeded local limit for Phenol
901	Safety Kleen	1	3Q'21	09/29	Exceeded local limit for Phenol
901	Safety Kleen	1	3Q'21	07/27	Exceeded local limit for Mercury
901	Safety Kleen	1_	3Q'21	09/22	Exceeded local limit for Mercury
901	Safety Kleen	1	3Q'21	09/29	Exceeded local limit for Mercury
901	Safety-Kleen Subtotal	11			
521	Lakeshore Railcar	1	3Q'21	07/29	Exceeded local limit for Cyanide
521	Lakeshore Railcar	1	3Q'21	09/28	Exceeded local limit for Cyanide
521	Lakeshore Subtotal	2			
934	Cleveland Cliffs West	1	3Q'21	08/12	Exceeded local limit for Cyanide
951	US Gypsum	1	3Q'21	09/15	Exceeded local limit for Cyanide
All	Grand Total	15			

Relative to those permitted companies who were found in violation of the established Local Limits, the succeeding table further depicts the total amount of fines issued during 3Q'21:

Outfall	Permitted Company	NOV(s)	NOV Reason During 3Q'21	Total Amount
901	Safety-Kleen	6	Exceeded local limit for Cyanide	\$15,000.00
901	Safety-Kleen	2	Exceeded local limit for Phenol	\$5,000.00
901	Safety-Kleen	3	Exceed local limit for Mercury	\$7,500.00
901	Sub-Total Safety-Kleen	11	Sub-Total Safety-Kleen NOVs	\$27,500.00
934	Cleveland Cliffs West	1	Exceeded local limit for Cyanide	\$1,500.00
934	Sub-Total C/C West	1	Sub-Total Cleveland Cliffs West NOVs	\$1,500.00
521	Lakeshore Rail Car	2	Exceeded local limit for Cyanide	\$2,000.00
521	Sub-Total Lakeshore	2	Sub-Total Lakeshore Rail Car NOVs	\$2,000.00
951	US Gypsum	1	Exceeded local limit for Phenol	\$2,500.00
951	Sub-Total US Gypsum	1	Sub-Total US Gypsum NOVs	\$2,500.00
ALL	ALL	15	3Q'21 NOV Related Fines - Grand Total	\$33,500.00

The District noted no additional violations during 3Q'21. Please be further advised that the IUs have been instructed to handle any violations in accordance with the Sanitary District's Response Plan and Sewer Usage Ordinance.

Quarterly Summary Reports and copies of the corresponding NOVs are also provided as these documents demonstrate those samples which are associated with an NOV which led to the issuance of the corresponding NOV and fine amount.

# 3Q'21 Pretreatment Monitoring Report Summaries for IUs with NOVs

Cutfall 901 -- Safety Kleen Systems

Pretreatment Compliance Summary

Jul 01, 2021 to Sep 30, 2021

Violations:  Violations:  Violations:  Violations:  Violations:  Violations:  Violations:  Violations:  Violations:  Chronic	Lucai Limits							" "0" - Not a TRC or Chronic Violation	П	r Chmain Malatian
Daily Mink Max         6         0         0         0           Daily Max         6         0         0	rarameter	Units	CIMIT	TRC Limit	Limit Type		# of Local Violations	# of TRC Evropolances	TOUT	. C.
Daily Max         6         0         0         0           Daily Max         6         0         0	Field pH	Н	5 < and < 10		Daily Min & Max	9	C	The Expendence of the Inches		Chronic Violation?
Daily Max         1         0         1         1           Daily Max         6         0         0         0           Daily Max         6         0         0	Arsenic	mg/L	1.31	1.57	Daily Max	9				
Daily Max         6         0         0         0           Daily Max         6         0         0	Cadmium	mg/L			Daily Max			2	0	0
Daily Max         6         0         0	Copper	mg/L	0.88	1.06	Daily Max	-   00			-	0
Daily Max         6         0         0         0           Daily Max         6         0         0 <td>Lead</td> <td>mg/L</td> <td>2.28</td> <td>2.74</td> <td>Daily May</td> <td>0 4</td> <td></td> <td>0</td> <td>0</td> <td>0</td>	Lead	mg/L	2.28	2.74	Daily May	0 4		0	0	0
Daily Max         6         0         0	Molybdenum	mg/L	2.8	3.36	Daily Max	D   W	0 0	0	0	0
Daily Max         0         0         0         0           Daily Max         6         0         0	Nickel	mg/L	0.80	0.96	Daily Max	ο w		0	0	0
Daily Max         0         0         0           Daily Max         6         0         0	Silver	mg/L			Daily Max			0	0	0
Daily Max         6         0         0         0           Daily Max         6         6         6         1           Daily Max         6         6         6         0           Daily Max         6         0         0	Thallium	mg/L			Daily Max			0		
Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0	Zinc	mg/L	5.5	6.6	Daily May	> 4		0		
Daily Max         6         0	Bis(2-ethylhexyl)phthalate	mg/L	1.03	124	Daily Max	0 0	0 (	0	0	0
Daily Max         6         0         6         1           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         6         6         6         1           Daily Max         6         6         0         0           Daily Max         6         0         0	Fluoranthene	ma/L			Daily Max	0 0	0	0	0	0
Daily Max         6         0         0         0           Daily Max         6         0         0	Fluorida	1 1/02	30	00	Dally Max	9	0	Ø	-	0
Daily Max         6         3         3         1           Daily Max         6         0         0         0           Daily Max         6         2         2         1           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0	Monday	181	000	30	Daily Max	9	0	0	0	
Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0	INGICALY	mg/L	0.0002	0.00024	Daily Max	စ	m	m	-	> 0
Daily Max         6         0	Ammonia	mg/L	134	160.8	Daily Max	9	0	C	- 0	o (
Daily Max         6         2         0         0           Daily Max         6         6         6         6         1           Daily Max         6         0         0         0         0           Daily Max         0         0         0         0         0           Daily Max         6         0         0         0         0           Daily Max         6         0         0         0         0           Daily Max         6         0         0 </td <td>Phosphorus</td> <td>mg/L</td> <td>31</td> <td>37.2</td> <td>Daily Max</td> <td>9</td> <td>C</td> <td>0 0</td> <td></td> <td>0</td>	Phosphorus	mg/L	31	37.2	Daily Max	9	C	0 0		0
Daily Max         6         0         0           Daily Max         6         6         6         1           Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedance         TRC Violation?           Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedance         TRC Violation?           Daily Max         6         0         0         0         0           Daily Max         6         0         0         0	Phenois	mg/L	96.0	1.15	Daily Max	9	2		0 4	0
Daily Max         6         6         0	Chromium	mg/L	7.0	8.4	Daily Max	ď		7	-	0
Daily Max         6         0         6         1           Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           D	Available Cyanide	mg/L	0.019	0.023	Daily Max	0		0	0	0
Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Limit Type         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Daily Max         6         0         0           Daily Max         0         0         0           Daily Max         6         0         0           Daily Max         0         0         0           Daily Max	Oil & Grease	ma/L	117	162.8	Doily Max		٥	ဖ	₩	-
Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           D	Residual Chlorina	1/00		0.00	Dally Max	9	0	0	0	0
Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           T					Daily Max	0	0	0		
Limit Type         # of Samples         # of Categorical Violations         # of TRC Exceedances         TRC Violation?           Daily Max         6         0         0         0           Daily Max         0         0         0         0	Catagorical Limits									
Daily Max         0         0         0         0           Daily Max         6         0         0         0	Parameter	Units	Limit	TRC Limit	Limit Type	ਰ	# of Categorical Violations	# of TDC Executation		
Daily Max         6         0         0         0	Antimony	mg/L	0.25	0.2988	Daily Max	0	0	- CITIC EXCECUALICES	I NO VIOLATION ?	Chronic Violation?
Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         0	Cobolt	mg/L	0.19	0.2304	Daily Max	9	0			
Daily Max         0         0         0           Daily Max         6         0         0           Daily Max         0         0         0           Daily Max         0         0         0           Daily Max         0         0         0           Total Local Violations:         Total TRC Violations:           Total Chronic Violations:         Total Chronic Violations:	드	mg/L	0.41	0.4908	Daily Max	9	0		5 (	5
Daily Max         0         0         0           Daily Max         6         0         0           Daily Max         6         0         0           Daily Max         6         0         0           Daily Max         0         0         0           Daily Max         0         0         Total Local Violations:           Total TRC Violations:           Total Chronic Violations:	Titanium	mg/L	60.0	0.1136	Daily Max	0	C		<b>D</b>	0
Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         Total Local Violations:           Total TRC Violations:         Total TRC Violations:         Total Chronic Violations:	Vanadium	mg/L	0.22	0.26160	Daily Max	0				
Daily Max         0         0         0           Daily Max         0         0         0           Daily Max         6         0         0           Daily Max         6         0         0           Daily Max         6         0         0           Daily Max         0         0         0           Daily Max         0         0         0           Total Local Violations:         Total TRC Violations:         Total TRC Violations:	Carbazole	mg/L	0.39	0.4704	Daily Max	9	0	o c	c	
Daily Max         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         0           Daily Max         0         0         0         0           Total Local Violations:         Total TRC Violations:         Total TRC Violations:	o-Cresol	mg/L	1.92	2.3040	Daily Max	0	0 0		0	0
Daily Max         6         0         0         0           Daily Max         6         0         0         0           Daily Max         0         0         0         Total Local Violations:           Total TRC Violations:         Total TRC Violations:         Total Charlonic Violations:	p-Cresol	∏/gш	0.70	0.8376	Daily Max	0	0			
Daily Max         6         0	n-Decane	mg/L	5.79	6.9480	Daily Max	9	0		C	
Daily Max         0         0         0           Total Local Violations:         Total Categorical Violations:         Total TRC Violations:           Total Categorical Violations:         Total Chronic Violations:	n-Octadecane	mg/L	1.22	1.4640	Daily Max	မ				0
Total Local Violations:  Total Categorical Violations:  Total TRC Violations:  Total Chonic Violations:	2,4,6-Trichlorophenol	∏g/L	0.16	0,1860	Daily Max			<b>3</b>	0	0
Total Local Violations:  Total Categorical Violations: Total TRC Violations: Total Chronic Violations:							0	0		
Total Categorical Violations: Total TRC Violations: Total Chronic Violations:									Total Local Violations:	
Total TRC Violations: Total Chronic Violations:									Total Categorical Violations:	0
Total Chronic Violations:									Total TRC Violations:	2
	*October 100 accom		41.1						Total Chronic Violations:	

\*Does not include any monthly average violations

# Pretreatment Compliance Summary

Outfall 521 -- Lakeshore Railcar & Tanker Services

Jul 01, 2021 to Sep 30, 2021

Local Limits							* "0" - Not a TRC or Chronic Violation	L	"4" - A TDC Or Observe to Maria
Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# Local of Violations	# of TRC Exceedances	S	Chronic Victoria
Field pH	ЬH	5 < and < 10		Daily Min & Max	. 22	0		TING VIOLENDILL	Curonic Violation?
Arsenic	mg/L	0.162	0.194	Daily Max	S	0			
Cadmium	mg/L	0.474	0.569	Daily Max	4	0	0		5 0
Copper	mg/L	0.50	09:0	Daily Max	9	0			o   c
Lead	mg/L	0.350	0.42	Daily Max	22	0	0 0	0 0	
Molybdenum	mg/L	2.8	3.36	Daily Max	2	0			
Nickel	mg/L	0.80	0.96	Daily Max	52	0	, ,		
Silver	mg/L	0.120	0.144	Daily Max	4	0	0		0 0
Thallium	mg/L			Daily Max	0	0	0	>	0
Zinc	mg/L	2.87	3.44	Daily Max	2	0		c	
Bis(2-ethylhexyl)phthalate	mg/L	0.215	0.258	Daily Max	ភេ	0			2 0
Fluoranthene	mg/L	0.0537	0.0644	Daily Max	4	0			
Fluoride	mg/L	30	36	Daily Max	22	0			0 0
Mercury	mg/L	0.0002	0.00024	Daily Max	5	0			0 0
Ammonia	mg/L	134	160.8	Daily Max	2	0	0		5 0
Phosphorus	mg/L	31	37.2	Daily Max	ശ	0	0 0		
Phenois	mg/L	96.0	1.15	Daily Max	9	0			
Chromium	mg/L	0.746	0.895	Daily Max	ı,	0	,   c		0 (
Available Cyanide	mg/L	0.019	0.023	Daily Max	rc.	2	0	>   •	0
Oil & Grease	mg/L	36	50.4	Daily Max	2	1 0	1 0	-   c	0 0
Residual Chlorine	mg/L			Daily Max	0	0			>
Catagorical Limits					0.00				
Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# Catanarian of Walatana			
Antimony	mg/L	0.249	0.2988	Daily Max	5	categorica	# OI IKC Exceedances	TRC Violation?	Chronic Violation?
Cobalt	mg/L	0.192	0.2304	Daily Max	. 4			0	0
Tin	mg/L	0.409	0.4908	Daily Max	4				0
Titanium	mg/L	0.095	0.1136	Daily Max	4			> 6	5
Vanadium	mg/L	0.218	0.26160	Daily Max	4	0	0 0	- C	
Carbazole	mg/L	0.598	0.7176	Daily Max	4	0	0		
o-Cresol	mg/L	1.92	2.3040	Daily Max	4	0	0		
p-Cresol	mg/L	0.698	0.8376	Daily Max	4	0	0	0	
n-Decane	mg/L	0.9480	1.1376	Daily Max	4	0	0	0	
n-Octadecane	mg/L	0.589	0.7068	Daily Max	4	0	0	0	
2,4,6-Trichlorophenol	mg/L	0.155	0.1860	Daily Max	4	0	0		2
SGT-HEM	mg/L	26.00	31.2000	Daily Max	0	0	0		
Phenanthrene	mg/L			Daily Max	4	0	4	1.00	00 0
								Total I ocal Volations:	c
							<u> </u>	Total Categorical Violations:	
							11-	Total TRC Violations	
							11-	Total Chronic Violations	7 0
*Does not include any monthly average violations	anv mor	othly averag	vo violations				<u>'</u>	Cal Chichic Fiolations.	>
Children Charles and Children	The Lates of the l	MILLIN CAPIER	つこうこちこうこと						

\*Does not include any monthly average violations

Jul 01, 2021 to Sep 30, 2021

Cutfall 934 – Cleveland Cliffs West Local Limits

Pretreatment Compliance Summary

Local Limits							* "0" - Not a TRC or Chronic Violation		"1" - A TRC or Chronic Violation
Parameter	Onits	Limit	TRC Limit	Limit Type	# of Samples	# of Local Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation
Field pH	Hd	5 < and < 10		Daily Min & Max	3	0			CINOMIC VIOLATIONS
Arsenic	mg/L	1.31	1.57	Daily Max	m	0			
Cadmium	mg/L			Daily Max	0	0		>	D
Copper	mg/L	0.88	1.06	Daily Max	60	0		c	
Lead	mg/L	2.28	2.74	Daily Max	က	0			
Molybdenum	mg/L	2.8	3.36	Daily Max	m	0			5 0
Nickel	mg/L	0.80	0.96	Daily Max	3	0			5 6
Silver	mg/L			Daily Max	0	0			>
Thallium	mg/L			Daily Max	0	0	0 0		
Zinc	mg/L	5.5	6.6	Daily Max	m	0			
Bis(2-ethylhexyl)phthalate	mg/L	1.03	1.24	Daily Max	60	0			0 0
Fluoranthene	mg/L			Daily Max	0	, 6		9	5
Fluoride	mg/L	30	36	Daily Max	6	, ,			
Mercury	mg/L	0.0002	0.00024	Daily Max	8	0			0
Ammonia	mg/L	134	160.8	Daily Max	8	0			5 6
Phosphorus	mg/L	31	37.2	Daily Max	8	0	0		5 6
Phenols	T/6m	96.0	1.15	Daily Max	m	0	0	o   c	0 0
Chromium	mg/L	7.0	8.4	Daily Max	en	0	0		
Available Cyanide	mg/L	0.019	0.023	Daily Max	m	  -	, -		5 6
Oil & Grease	mg/L	117	163.8	Daily Max	m	0	0	-   0	
Residual Chlorine	mg/L			Daily Max	0	0	0	>	0

-	_	0
Total Local Violations:	Total TRC Violations:	Total Chronic Violations:

# Pretreatment Compliance Summary

Jul 01, 2021 to Sep 30, 2021

# Outfall 951 -- United States Gypsum Company Local Limits

Local Limits							* "0" - Not a TRC or Chronic Violation	ı	"1" - A TRC or Chronic Violation
Farameter	Onits	Limit	TRC Limit	Limit Type	# of Samples	# of Local Violations	# of TRC Exceedances	TRC Violation?	Chronic Violetion2
Field pH	H	5 < and < 10		Daily Min & Max	4	0			THOUSING THOUSING
Arsenic	mg/L	1.31	1.57	Daily Max	8	0	0	c	
Cadmium	mg/L			Daily Max	-				> 0
Copper	mg/L	0.88	1.06	Daily Max	· [67	, ,	>	0 0	0
Lead	mg/L	2.28	2.74	Daily Max	, en	o c			0 6
Molybdenum	mg/L	2.8	3.36	Daily Max	m		> 0		0
Nickel	mg/L	0.80	0.96	Daily Max	<u>ا</u> س				0
Silver	mg/L			Daily Max	0	0	2		0
Thaflium	mg/L			Daily Max	0	0	0 0		
Zinc	mg/L	5.5	6.6	Daily Max	60	0			
Bis(2-ethylhexyl)phthalate	mg/L	1.03	1.24	Daily Max	m	0	)   -		
Fluoranthene	mg/L			Daily Max	0	C	0 0	,	5
Fluoride	mg/L	30	36	Daily Max	07	, ,		c	
Mercury	mg/L	0.0002	0.00024	Daily Max	, en		0 0		0
Ammonia	mg/L	134	160.8	Daily Max	m	0	0 0		0
Phosphorus	mg/L	31	37.2	Daily Max	8	0	0 0		2 0
Phenois	mg/L	96.0	1.15	Daily Max	60	0	0	o   c	0
Chromium	mg/L	7.0	8.4	Daily Max	8	0	, c	o (c	0
Available Cyanide	шg/L	0.019	0.023	Daily Max	67			7	0 0
Oil & Grease	mg/L	117	163.8	Daily Max	m	0	- 6	-   c	0 0
Residual Chlorine	mg/L			Daily Max	0	0	0	>	5

Total Local Violations:	TRC Violations:	Total Chronic Violations:
	5	E

 $Notices\ of\ Violations-3Q'21$ 



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466 Fax: (219) 391-8254

September 7, 2021

Mori Sorenson Compliance Manager Safety-Kleen Systems 601 Riley Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Sorenson:

On July 20, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.041 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="mailto:hpadilla@eastchicago.com">hpadilla@eastchicago.com</a>, or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely,

Pretreatment Assistant

Jose Cisneros

Pretreatment Coordinator

Encis.



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466

Fax: (219) 391-8254

September 7, 2021

Mori Sorenson Compliance Manager Safety-Kleen Systems 601 Riley Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Sorenson:

On July 27, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.048 mg/L.
- Local Limit for Mercury is 0.0002 mg/L; Analytical result reported is 0.0003 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$5,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="mailto:hpadilla@eastchicago.com">hpadilla@eastchicago.com</a>, or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely,

Henry Padilla
Pretreatment Assistant

Pretreatment Coordinator

Encis.



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466 Fax: (219) 391-8254

October 4, 2021

Evan Nikrin Compliance Manager Safety-Kleen Systems 601 Riley Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On August 17, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.034 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="https://hpadilla@eastchicago.com">hpadilla@eastchicago.com</a>, or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely,

Henry Padilla

Pretreatment Assistant

Pretreatment Coordinator

ose Cisneros

Encls.



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466 Fax: (219) 391-8254

October 4, 2021

Evan Nikrin Compliance Manager Safety-Kleen Systems 601 Riley Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On August 24, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.029 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="https://padilla@eastchicago.com">https://padilla@eastchicago.com</a>, or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely.

Henry Padilla

Pretreatment Assistant

Jose Cisneros

Pretreatment Coordinator

Encls.



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466

Fax: (219) 391-8254

September 7, 2021

James Kornas Lakeshore Railcar Services LLC 1150 East 145<sup>th</sup> Street East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On July 29, 2021 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

Local Limit for Available Cyanide is 0.019 mg/L; analytical result reported was 0.18 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="mailto:hpadilla@eastchicago.com">hpadilla@eastchicago.com</a>. Or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely.

Henry Padilla

Pretreatment Assistant

oge Cieneros

Pretreatment Coordinator

Encls.

CC: Mr. Kenneth L. Myers, Director, ECSD Mr. Joseph Allegretti, ECSD Counsel File - UTG #521/Enforcement

521 NOV 09-07-21 (Cn on 07-29-21)



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466

Fax: (219) 391-8254

September 29, 2021

Kevin Lurtz Cleveland-Cliffs Indiana Harbor West 3001 Dickey Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 934

Dear Mr. Lurtz:

On August 12, 2021 District personnel collected a sample of effluent from Outfall No. 934. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (Local Limits).

Local Limit for Available Cyanide is 0.019 mg/L; analytical result reported was 0.083 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$1,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at <a href="https://henry.com">hpadilla@eastchicago.com</a>. Or Jose Cisneros at (219) 516-2317 or email at <a href="mailto:jcisneros@eastchicago.com">jcisneros@eastchicago.com</a>.

Sincerely,

Henry Padilla

Pretreatment Assistant

Jose Cisneros

Pretreatment Coordinator

Encis.

CC: Mr. Kenneth L. Myers, Director, ECSD

Mr. Joseph Allegretti, ECSD Counsel

File - ClevelandCliffs IN Harbor #934/Enforcement



5201 Indianapolis Boulevard East Chicago, IN 46312 Phone: (219) 391-8466

Fax: (219) 391-8254

October 25, 2021

Mr. Kevin Henry Environmental Coordinator United States Gypsum Company 301 Riley Road East Chicago, IN 46312

Re: Notice of Violation - Non-Compliance with Discharge Permit Outfall No. 951

Dear Mr. Henry:

On September 15, 2021 District personnel collected a sample of the effluent from Outfall No. 951. Based upon the analytical results, the District determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

Local Limit for available cyanide is 0.019 mg/L; analytical result was 0.031 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Sincerely.

Pretreatment Assistant

José Cisneros

Pretreatment Assistant

Encls.

CC: Mr. Kenneth L Myers, Director, ECSD Mr. Joseph Allegretti, ECSD Counsel File – US Gypsum #951/Enforcement